

## EAST Search History

| Ref # | Hits | Search Query   | DBs                       | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---------------------------|------------------|---------|---------------------|
| S1    | 1    | 10/565421  | US-PGPUB;<br>USPAT        | ADJ              | ON      | 2008/05/16<br>08:51 |
| S2    | 5    | engel, alexander.in.   | US-PGPUB;<br>USPAT        | ADJ              | ON      | 2008/05/16<br>08:59 |
| S3    | 3    | engel, alexander.in.   | EPO; JPO;<br>DERWENT      | ADJ              | ON      | 2008/05/16<br>09:00 |
| S4    | 1    | "3690842".pn.  | US-PGPUB;<br>USPAT        | ADJ              | ON      | 2008/05/16<br>09:03 |
| S5    | 440  | 422/232.ccls.  | US-PGPUB;<br>USPAT        | ADJ              | ON      | 2008/05/16<br>09:05 |
| S6    | 1    | "5656469".pn.  | US-PGPUB;<br>USPAT        | ADJ              | ON      | 2008/05/16<br>09:07 |
| S7    | 8    | "778083"   | EPO; JPO;<br>DERWENT      | ADJ              | ON      | 2008/05/16<br>09:08 |
| S8    | 29   | ("3219476"  <br>"3523906"   "3639306"<br>  "3697286"  <br>"3826756"   "4352883"<br>  "4353888"  <br>"4532183"   "4588639"<br>  "4647536"  <br>"4673566"   "5116747"<br>  "5453368"  <br>"5529914").PN. OR<br>("5656469").URPN. | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2008/05/16<br>09:08 |
| S9    | 29   | ("3219476"  <br>"3523906"   "3639306"<br>  "3697286"  <br>"3826756"   "4352883"<br>  "4353888"  <br>"4532183"   "4588639"<br>  "4647536"  <br>"4673566"   "5116747"<br>  "5453368"  <br>"5529914").PN. OR<br>("5656469").URPN. | US-PGPUB;<br>USPAT; USOCR | ADJ              | ON      | 2008/05/16<br>09:08 |
| S10   | 0    | reactor and<br>encapsulated cells  | US-PGPUB;<br>USPAT        | ADJ              | ON      | 2008/05/16<br>09:10 |
| S11   | 0    | reactor and encapsulat<br>\$3 with cells   | US-PGPUB;<br>USPAT        | ADJ              | ON      | 2008/05/16<br>09:10 |
| S12   | 10   | encapsulat\$3 with cells   | US-PGPUB;<br>USPAT        | ADJ              | ON      | 2008/05/16<br>09:10 |
| S13   | 352  | 141/331.ccls.  | US-PGPUB;<br>USPAT        | ADJ              | ON      | 2008/05/16<br>09:11 |

|     |     |  |                           |     |    |                     |
|-----|-----|--|---------------------------|-----|----|---------------------|
| S14 | 9   | reactor same capsule<br>same funnel  | US-PGPUB;<br>USPAT        | ADJ | ON | 2008/05/16<br>09:18 |
| S15 | 253 | reactor bottom and<br>funnel   | US-PGPUB;<br>USPAT        | ADJ | ON | 2008/05/16<br>09:20 |
| S16 | 1   | reactor bottom and<br>funnel and PDMDAAC   | US-PGPUB;<br>USPAT        | ADJ | ON | 2008/05/16<br>09:27 |
| S17 | 5   | capsule with reactor<br>with collect\$3  | US-PGPUB;<br>USPAT        | ADJ | ON | 2008/05/16<br>09:37 |
| S18 | 29  | "160393"   | EPO; JPO;<br>DERWENT      | ADJ | ON | 2008/05/16<br>09:38 |
| S19 | 2   | "19752585"   | EPO; JPO;<br>DERWENT      | ADJ | ON | 2008/05/16<br>09:39 |
| S20 | 1   | "6312942".pn.  | US-PGPUB;<br>USPAT        | ADJ | ON | 2008/05/16<br>09:40 |
| S21 | 6   | ("5460943").PN. OR<br>("6312942").URFN.  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/16<br>09:40 |
| S22 | 353 | ("20010001835"  <br>"20010016210"  <br>"20010036451"  <br>"20010051670"  <br>"20020054912"  <br>"20020061954"  <br>"20020160109"  <br>"20020182190"  <br>"20020197208"  <br>"20030007928"  <br>"20030032935"  <br>"20030108614"  <br>"20030163187"  <br>"20030183962"  <br>"20030185895"  <br>"20030185896"  <br>"20030187320"  <br>"20030194390"  <br>"20030203985"  <br>"20030206864"  <br>"20030215519"  <br>"20030233150"  <br>"20040076582"  <br>"20040091543"  <br>"20040092883"  <br>"20040096662"  <br>"20040101564"  <br>"20040186377"  <br>"20050025800"  <br>"20050037047"  <br>"20050095428"  <br>"20050129775"  <br>"20050196449"  <br>"20050226935"  <br>"20050238870" | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/16<br>09:41 |

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"5928626" |  
"5935553" | "5951160"  
"5957848" |  
"5959073" | "6003566"  
"6015546" |  
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"6048908" | "6051247"  
"6056721" |  
"6056844" | "6059766"  
"6063068" |  
"6071495" | "6071497"  
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"6099064" |

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"6423332" |  
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"6495155" |  
"6544503" | "6544544"  
"6545097" |  
"6565887" | "6575896"  
"6586364" |  
"6602261" | "6602524"  
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"6629947" | "6632531"  
"6652883" |  
"6680046" | "6699222"  
"6706394" |  
"H000915" |  
"RE34640").PN. OR  
("7311861").URPN.

|     |    |   |                           |     |    |                     |
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| S23 | 49 | ( "2797201"  <br>"35014119"   "3781230"<br>  "3960583"  <br>"4089800"   "4102806"<br>  "4107288"  <br>"4127622"   "4173488"<br>  "4276885"  <br>"4316391"   "4420442"<br>  "4442843"  <br>"4466442"   "4718433"<br>  "4774958"  <br>"4844882"   "4900540"<br>  "4957656"  <br>"4960351"   "4968562"<br>  "4981625"  <br>"5137928"   "5147631"<br>  "5190982"  <br>"5196183"   "5205287"<br>  "5215680"  <br>"5271928"   "5271961"<br>  "5380519"  <br>"5536490"   "5543162"<br>  "5547656"  <br>"5567413"   "5567414"<br>  "5643553"  <br>"5658551"  <br>"5674468").PN. OR<br>("6344182").URPN. | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/16<br>09:45 |
| S24 | 62 | ( "3427250"  <br>"3976629"   "4123396"<br>  "4162282"  <br>"4170685"   "4247434"<br>  "4438239"  <br>"4459378"   "4552812"<br>  "4553917"  <br>"4623706"   "4707523"<br>  "4774265"  <br>"4791162"   "4795330"<br>  "4929400").PN. OR<br>("4981625").URPN.  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/16<br>09:46 |
| S25 | 15 | ( "4035116"  <br>"4801411"   "4871489"<br>  "4935173").PN. OR<br>("6162377").URPN.  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/16<br>10:01 |

|     |       |  |                           |     |    |                     |
|-----|-------|--|---------------------------|-----|----|---------------------|
| S26 | 56    | ( "3579721"  <br>"3607169"   "3765853"<br>  "3771929"  <br>"3817502"   "3826598"<br>  "4035116"  <br>"4097266"   "4162282"<br>  "4179278"  <br>"4181522"   "4216178"<br>  "4237695"  <br>"4264641"   "4302166"<br>  "4346387"  <br>"4385013"   "4428894"<br>  "4463359"  <br>"4469313"   "4580616"<br>  "4705656"  <br>"4795330"   "4929400"<br>  "5136515"  <br>"5171360"   "5191929"<br>  "5226098"  <br>"5226948"   "5229016"<br>  "5250103"  <br>"5261611"   "5266098"<br>  "5285934"  <br>"5321583"   "5411602"<br>  "5520371"  <br>"5520715"   "5550044"<br>  "5560543"  <br>"5736200"   "5761779"<br>  "5810988"  <br>"5891212"   "5935406"<br>  "5938102"  <br>"5993509"   "6029909"<br>  "6083454"  <br>"6162377"   "6202734"<br>  "6230786"  <br>"6461403"   "6554166"<br>  "6613124").PN. OR<br>("7097687").URPN. | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/16<br>10:02 |
| S27 | 2080  | reactor bottom   | US-PGPUB;<br>USPAT        | ADJ | ON | 2008/05/23<br>09:27 |
| S28 | 253   | reactor bottom and<br>funnel   | US-PGPUB;<br>USPAT        | ADJ | ON | 2008/05/23<br>09:28 |
| S29 | 11    | reactor bottom and<br>funnel   | EPO; JPO;<br>DERWENT      | ADJ | ON | 2008/05/23<br>09:47 |
| S30 | 21404 | encapsul\$5 with cell  | US-PGPUB;<br>USPAT        | ADJ | ON | 2008/05/23<br>09:50 |
| S31 | 106   | encapsul\$5 with cell<br>and reactor same<br>bottom  | US-PGPUB;<br>USPAT        | ADJ | ON | 2008/05/23<br>09:50 |
| S32 | 3     | encapsul\$5 and cell<br>and reactor and<br>bottom  | EPO; JPO;<br>DERWENT      | ADJ | ON | 2008/05/23<br>10:24 |



|     |      |   |                      |     |    |                     |
|-----|------|---|----------------------|-----|----|---------------------|
| S33 | 533  | reactor bottom  | EPO; JPO;<br>DERWENT | ADJ | ON | 2008/05/23<br>10:24 |
| S34 | 12   | reactor bottom and cell                                   | EPO; JPO;<br>DERWENT | ADJ | ON | 2008/05/23<br>10:24 |
| S35 | 28   | "219795"  | EPO; JPO;<br>DERWENT | ADJ | ON | 2008/05/23<br>10:27 |
| S36 | 29   | "217821"  | EPO; JPO;<br>DERWENT | ADJ | ON | 2008/05/23<br>10:29 |
| S37 | 3    | 422/232.cds. and<br>encapsulat\$3                         | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/05/23<br>10:34 |
| S38 | 2    | 141/331.cds. and<br>encapsulat\$3                         | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/05/23<br>10:35 |
| S39 | 2566 | "436".clas. and<br>encapsulat\$3                          | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/05/23<br>10:36 |
| S40 | 194  | "436".clas. and<br>encapsulat\$3 and<br>reactor           | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/05/23<br>10:36 |
| S41 | 42   | "436".clas. and<br>encapsulat\$3 with cell<br>and reactor | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/05/23<br>10:37 |
| S42 | 42   | "422".clas. and<br>encapsulat\$3 with cell<br>and reactor | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/05/23<br>10:38 |
| S43 | 23   | B67C011/04  | EPO; JPO;<br>DERWENT | ADJ | ON | 2008/05/23<br>11:08 |
| S44 | 1166 | capsule with cell   | EPO; JPO;<br>DERWENT | ADJ | ON | 2008/05/23<br>11:10 |
| S45 | 14   | capsule with cell and<br>reactor                          | EPO; JPO;<br>DERWENT | ADJ | ON | 2008/05/23<br>11:10 |
| S46 | 79   | lnotech   | EPO; JPO;<br>DERWENT | ADJ | ON | 2008/05/23<br>11:50 |
| S47 | 226  | encapsulator  | EPO; JPO;<br>DERWENT | ADJ | ON | 2008/05/23<br>11:56 |
| S48 | 1035 | 264/4.1.cds.  | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/05/27<br>07:30 |
| S49 | 62   | 264/4.1.cds. and<br>funnel                                | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/05/27<br>07:39 |
| S50 | 2089 | B01J013/02  | EPO; JPO;<br>DERWENT | ADJ | ON | 2008/05/27<br>07:43 |
| S51 | 1    | B01J013/02 and funnel                                     | EPO; JPO;<br>DERWENT | ADJ | ON | 2008/05/27<br>07:43 |
| S52 | 4712 | "428".clas. and funnel                                    | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/05/27<br>07:44 |
| S53 | 76   | 428/402.2.cds. and<br>funnel                              | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/05/27<br>07:44 |

|     |    |   |                           |     |    |                     |
|-----|----|---|---------------------------|-----|----|---------------------|
| S54 | 45 | ("4279632"  <br>"4324683"   "4344787"<br>  "4352883"  <br>"4391909"   "4643854"<br>  "4673566"  <br>"4689293"   "4743545"<br>  "4749620"  <br>"4806355"   "4806357"<br>  "4956128"  <br>"4960351"   "4996150"<br>  "5260002").PN. OR<br>("5462866").URPN.   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/27<br>07:48 |
| S55 | 38 | ("3160686"  <br>"3313608"   "4352883"<br>  "4391909"  <br>"4407957"   "4409331"<br>  "4663286"  <br>"4673566"   "4689293"<br>  "4696286"  <br>"4789550"   "4803168"<br>  "4806355"  <br>"4956128"   "5227298"<br>  "5260002"  <br>"5286495"   "5429821"<br>  "5462866"  <br>"5470731"   "5514377"<br>  "5521079"  <br>"5531997"   "5578314"<br>  "5639467"  <br>"5643594"   "5648099"<br>  "5656468"  <br>"5679565"   "5693514"<br>  "5876742"  <br>"6001387"   "6020200"<br>  "6033888").PN. OR<br>("6649384").URPN. | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/27<br>07:50 |
| S56 | 51 | ("20020160109"  <br>"20030180352"  <br>"20040121003"  <br>"20040127472"  <br>"20040265383"  <br>"20050079138"  <br>"3015128"   "3080293"<br>  "3716315"  <br>"4001388"   "4014335"<br>  "4057619"  <br>"4123206"   "4149836"<br>  "4256677"  <br>"4317743"   "4386895"<br>  "4478818"  <br>"4675140"   "4764317"<br>  "4997652"  <br>"5019302"   "5100592"<br>  "5143662"   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/27<br>07:57 |

|     |     |  |                           |     |    |                     |
|-----|-----|--|---------------------------|-----|----|---------------------|
|     |     | "5194262"   "5292657"<br>  "5348803"  <br>"5505967"   "5578314"<br>  "5601761"  <br>"5643594"   "5660851"<br>  "5665428"  <br>"5697976"   "5837226"<br>  "5959073"  <br>"5985259"   "6001387"<br>  "6264971"  <br>"6297228"   "6316465"<br>  "6331313"  <br>"6509355"   "6531156"<br>  "6579519"  <br>"6630135"   "6649384"<br>  "6746635"  <br>"6881482").PN. OR<br>("7261529").URFN. |                           |     |    |                     |
| S57 | 1   | ("3690842").URFN.  | USPAT                     | ADJ | ON | 2008/05/27<br>08:54 |
| S58 | 18  | ("2587554"  <br>"2900329"   "2994659"<br>  "2998309"  <br>"3394076"   "3661799"<br>  "3687841"  <br>"3690842").PN. OR<br>("3784360").URFN.   | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/27<br>08:54 |
| S59 | 1   | "6312942".pn.  | US-PGPUB;<br>USPAT        | ADJ | ON | 2008/05/27<br>09:15 |
| S60 | 6   | ("5460943").PN. OR<br>("6312942").URFN.  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/27<br>09:15 |
| S61 | 918 | 435/283.1.cds.   | US-PGPUB;<br>USPAT        | ADJ | ON | 2008/05/27<br>09:21 |
| S62 | 44  | 435/283.1.cds. and<br>funnel   | US-PGPUB;<br>USPAT        | ADJ | ON | 2008/05/27<br>09:22 |
| S63 | 3   | ("4352883"  <br>"4800160"  <br>"4828997").PN. OR<br>("5629187").URFN.  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/27<br>09:28 |
| S64 | 14  | ("2953359"  <br>"3499745"   "3871111"<br>  "4218409"  <br>"4386895"   "4391909"<br>  "4613076").PN. OR<br>("4828997").URFN.  | US-PGPUB;<br>USPAT; USOCR | ADJ | ON | 2008/05/27<br>09:30 |

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